

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1150	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	12	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	150	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
Processing Recommendation Injection Molding			
Melt temperature	220 - 250	°C	-
Mold temperature	30 - 40	°C	-
Holding pressure	20 - 50	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

Features

High Crystallinity, High Gloss, Nucleated, Copolymer, Random Copolymer

Chemical Resistance

General Chemical Resistance

Certifications

Food contact, Food approval FDA 21 CFR, Medical Grade, Device Master File

Applications

Medical, Packaging

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa